



U.S. Department
of Transportation

Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

MAR 17 2004

DOT-E 7041
(SEVENTH REVISION)

EXPIRATION DATE: August 31, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Albemarle Corporation
Baton Rouge, LA
2. PURPOSE AND LIMITATION:
 - a. This exemption authorizes the transportation in commerce of certain waste organometallic compound/hydrocarbon solvent solutions and dispersions in prescribed non-DOT specification cargo tanks with agitators. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
 - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.244 only in that MC-331 type non-DOT specification cargo tanks with an agitator are authorized. All other requirements of 173.244(b) remain in effect.
5. BASIS: This exemption is based on the application of Albemarle Corporation dated November 10, 2003, and additional information dated January 5, and January 8, 2004 submitted in accordance with § 107.105 and the public proceeding thereon.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Waste organometallic compound dispersion, water-reactive, flammable, n.o.s. (magnesium-aluminum alkyls/magnesium dispersors in hydrocarbon solvents)	4.3	UN3207	I
Waste organometallic compound dispersion, water-reactive, flammable, n.o.s. (sodium aluminum hydride/aluminum dispersors in hydrocarbon solvents)	4.3	UN3207	I
Waste metal alkyls solutions, water reactive, n.o.s. (containing not more than 30 weight percent triethylaluminum, triisobutylaluminum, tri-n-butylaluminum, tri-n-hexylaluminum, tri-n-octylaluminum and/or mixtures thereof in hydrocarbon solvents)	4.2	UN2003	I
Waste Metal halides solutions, water reactive, n.o.s. (containing not more than 30 weight percent methylaluminum sesquichloride, ethylaluminum sesquichloride, various ethylaluminum chlorides and/or mixtures thereof in hydrocarbon solvents)	4.2	UN3049	I

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packagings are insulated non-DOT specification 4,000 gallon capacity cargo tanks of the MC-331 type, except that the tanks are supported by cantilevers instead of a sub-frame and each tank is equipped with top mounted model 73S10 agitators. The tanks must

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comply with Albemarle's (formerly Ethyl) Corporation's drawing number 44 02101 and related drawings and specifications on file with the Office of Hazardous Materials Exemptions and Approvals (OHMEA).

b. TESTING - Each cargo tank must be reinspected and retested as prescribed for DOT Specification MC-331 cargo tanks as specified in § 180.407(g)(1)(ix).

8. SPECIAL PROVISIONS:

a. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

b. Additional waste organometallic, metal alkyl and metal alkyl halide compound solution or dispersion compositions must be submitted for authorization in writing to the OHMEA prior to their first shipment.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS:

a. A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

b. Each cargo tank must be plainly marked on the right side near the front, in letters at least two inches high on a contrasting background, "DOT-E 7041".

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this exemption must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving fire, explosion or loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



Robert A. McGuire

Associate Administrator for
Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590
Attention: DHM-31.

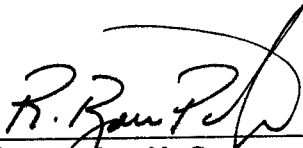
Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: SCWATSON/sln

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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Albemarle Corporation Baton Rouge, LA	Jun 10, 2003	Oct 15, 2003	Aug 31, 2005
Albemarle Corporation Baton Rouge, LA	Apr 28, 2003	Oct 15, 2003	Aug 31, 2005



for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

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Date